Please type a plus sign (+) inside this box → [+]

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

NOV 2 9 2002

COMPLETE IF KNOWN			
Application Number	09/879,339	Conf. No.	6518
Filing Date	June 11, 2001		
First Named Inventor	Kenneth H. Abbott		
Group Art Unit	2173		
Examiner Name	Unknown		
Attorney Docket No.	294438022US3		

Sheet	1	of	4

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		U.S. Patent Document NUMBER	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TH		Patent Application No. 09/724,777		Abbott et al.	11/28/00	
		Patent Application No. 09/724,799		Abbott et al.	11/28/00	
		Patent Application No. 09/724,892		Abbott et al.	11/28/00	
		Patent Application No. 09/724,893		Abbott et al.	11/28/00	
		Patent Application No. 09/724,894		Abbott et al.	11/28/00	
		Patent Application No. 09/724,902		Abbott et al.	11/28/00	
		Patent Application No. 09/724,932		Abbott et al.	11/28/00	
	*	Patent Application No. 09/878,948		Abbott et al.	6/11/01	
		4,916,441		Gombrich	4/10/90	
		5,032,083		Friedman	7/16/91	
		5,201,034		Matsuura et al.	4/6/93	
		5,208,449		Eastman et al.	5/4/93	
		5,214,757		Mauney et al.	5/25/93	
		5,227,614		Danielson et al.	7/13/93	
		5,335,276		Thompson et al.	8/2/94	
		5,416,730		Lookofsky	5/16/95	
		5,470,233		Fruchterman et al.	11/28/95	
		5,493,692		Theimer et al.	2/20/96	
		5,544,321		Theimer et al.	8/6/96	
		5,555,376		Theimer et al.	9/10/96	
		5,559,520		Barzegar et al.	9/24/96	
		5,568,645		Morris et al.	10/22/96	
		5,601,435		Quy	2/11/97	
		5,603,054		Theimer et al.	2/11/97	
		5,611,050		Theimer et al.	3/11/97	
		5,642,303		Small et al.	6/24/97	
		5,646,629		Loomis et al.	7/8/97	
		5,719,744		Jenkins et al.	2/17/98	
		5,726,660		Purdy et al.	3/10/98	
		5,751,260		Nappi et al.	5/12/98	
		5,781,913		Felsenstein et al.	7/14/98	
√		5,790,974		Tognazzini	8/4/98	

EXAMINER	DATE CONSIDERED
Tadesse Hailu	12/21/04

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

\\sea_apps\patent\Clients\Tangis (29443)\8022 - Notifications\US03 - non-provisional\SB08.doc

NOV 2 9 2002

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

COMPLETE IF KNOWN		
Application Number	09/879,339	Conf. No. 6518
Filing Date	June 11, 2001	
First Named Inventor	Kenneth H. Abbott	
Group Art Unit	2173	
Examiner Name	Unknown	

Sheet	2	of	4	Attorney Docket No.	294438022US3

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		U.S. Patent Document NUMBER	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TH		5,798,733		Ethridge	8/25/98	
		5,812,865		Theimer et al.	9/22/98	
		5,873,070		Bunte et al.	2/16/99	
		5,878,274		Kono et al.	3/2/99	
		5,902,347		Backman et al.	5/11/99	
		5,910,799		Carpenter et al.	6/8/99	
		5,938,721		Dussell et al.	8/17/99	
		5,948,041		Abo et al.	9/7/99	
		5,959,611		Smailagic et al.	9/28/99	
		5,991,687		Hale et al.	11/23/99	
		6,014,638		Burge et al.	1/11/00	
		6,047,301		Bjorklund et al.	4/4/00	
		6,064,943		Clark, Jr. et al.	5/16/00	
		6,108,197		Janik	8/22/00	
✓		6,127,990		Zwern	8/3/00	

RECEIVED
DEC 0 2 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

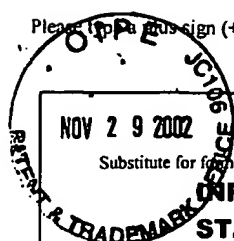| *EXAMINER INITIALS*		Foreign Patent Document Office	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
TH		EPO	EP 0823 813A2		Kopin Corporation	2/11/98		
		JPO	05260188		Matsushita Electric Ind. Co. Ltd.	10/8/93	Abstract Only	
		JPO	09091112		Toshiba Corp.	4/4/97	Abstract Only	
		PCT	WO 90/08361		The Scott Fetzer Company	7/26/90		
✓		PCT	WO 97/03434		Virtual I/O, Inc.	1/30/97		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TH		" 'Affective Understanding:' Modeling and Responding to User Affect," http://www.media.mit.edu/affect/AC_research/understanding.html, pp. 1-3 [Accessed 2 Oct 1998].	
TH		"Alps GlidePoint," http://www.alps.com/p17.html, p. 1 [Accessed 2 Oct 1998].	
TH		"GyroPoint Technology," http://www.gyration.com/html/gyropoint.html, pp. 1-3 [Accessed 2 Oct 1998].	
TH		"Haptics," http://www.ai.mit.edu/projects/handarm-haptics/haptics.html, pp. 1-2 [Accessed 2 Oct 1998].	
TH		"Research Areas in Affective Computing," http://www.media.mit.edu/affect/, p. 1 [Accessed 2 Oct 1998]	

EXAMINER	DATE CONSIDERED
Tadesse Hailu	12/21/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

\\sea_apps\patent\Clients\Tangis (29443)\8022 - Notifications\US03 - non-provisional\SB08.doc

NOV 2 9 2002

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(use as many sheets as necessary)

	COMPLETE IF KNOWN		
Application Number	09/879,339	Conf. No.	6518
Filing Date	June 11, 2001		
First Named Inventor	Kenneth H. Abbott		
Group Art Unit	2173		
Examiner Name	Unknown		

Sheet	3	of	4	Attorney Docket No.	294438022US3

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TH		"Research on Affective Pattern Recognition and Modeling," http://www.media.mit.edu/affect/AC_research/recognizing.html, pp. 1-4 [Accessed 2 Oct 1998].	
		"Research on Sensing Human Affect," http://www.media.mit.edu/affect/AC_research/sensing.html, pp. 1-5 [Accessed 2 Oct 1998].	
		"Smart Rooms," http://vismod.www.media.mit.edu/vismod/demos/smartroom/, pp. 1-3 [Accessed 2 Oct 1998].	
		"SmartDesk Home Page," http://vismod.www.media.mit.edu/vismod/demos/smartdesk/, pp. 1-4 [Accessed 2 Oct 1998].	
		"The MIT Wearable Computing Web Page," http://wearables.www.media.mit.edu/projects/wearables/, pp. 1-3 [Accessed 2 Oct 1998].	
		"Wearable Computer Systems for Affective Computing," http://www.media.mit.edu/affect/AC_research/wearables.html, pp. 1-5 [Accessed 2 Oct 1998].	
		Aoki, Hisashi et al., "Realtime Personal Positioning System for a Wearable Computer," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Bauer et al., "A Collaborative Wearable System with Remote Sensing," University of Oregon, February 1996	
		Billinghurst, Mark and Thad Starner, "New Ways to Manage Information," *IEEE*, pp. 57-64, January 1999.	
		Bowskill, J. et al., "Wearable Location Mediated Telecommunications; A First Step Towards Contextual Communication," 3rd International Symposium on Wearable Computers," San Francisco, California, October 18-19 1999	
		Dey, Anind K. et al., "The Conference Assistant: Combining Context-Awareness with Wearable Computing," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Finger et al., "Rapid Design and Manufacture of Wearable Computers," Communication of the ACM, Vol. 39, No. 2, February 1996, pp. 63-68	
		Golding, Andrew and Neal Lesh, "Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Hull et al., "Towards Situated Computing," Hewlett-Packard Laboratories, HPL-97-66 (1997).	
		Kirsch, Dana, "The Sentic Mouse: A tool for measuring emotional valence," http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html, pp. 1-2 [Accessed 2 Oct 1998].	
		Kortuem et al., "Context-Aware, Adaptive Wearable Computers as Remote Interfaces to 'Intelligent' Environments," University of Oregon, October 1998	
		Kortuem, Gerd, "When Cyborgs Meet: Building Communities of Cooperating Wearable Agents," 3rd International Symposium on Wearable Computers," San Francisco, California, October 18-19, 1999	
		Lashkari, Yezdi et al., "Collaborative Interface Agents," Proccedings of AAAI '94 Conference, Seattle, Washington, August 1994	
		Lehikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Leonhardi, Alexander et al., "Virtual Information Towers – A Metaphor for Intuitive, Location-Aware Information Access in a Mobile Environment, 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press, Vol. Conf. 4, 1989, pages 102-107.	
		Maes, Pattie, "Agents That Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, July 1994	
		Mann, Steve, "'Smart Clothing': Wearable Multimedia Computing and 'Personal Imaging' to Restore the Technological Balance Between People and Their Environments", ACM Multimedia, November 1996, pp. 163-174	
		Metz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," *PC Magazine*, pp. 192-193, June 1998.	
		Oakes, Chris, "The Truman Show Realized?," http://www.wired.com/news/news/technology/story/15745.html, pp. 1-4 [Accessed 21 Oct 1998].	
		Picard, R.W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1: 231-240, MIT Media Laboratory (1997).	
		Rekimoto et al., "The World through the Computer: Computer Augmented Interaction with Real World Environments, " ACM, November 1995, pp. 29-36	
		Rhodes, Bradley, "WIMP Interface Considered Fatal," http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html, pp. 1-3 [Accessed 2 Oct 1998].	
		Rhodes, Bradley, J. "The Wearable Remembrance Agent: A System for Augmented Memory," Proceedings of the First International Symposium on Wearable Computers (ISWC '97), Cambridge, MA, October 13-14, 1997	

RECEIVED
DEC 0 2 2002
Technology Center 2100

EXAMINER	DATE CONSIDERED
Todunc Hunle	12/22/04

NOV 2 9 2002

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPLETE IF KNOWN		
Application Number	09/879,339	Conf. No. 6518
Filing Date	June 11, 2001	
First Named Inventor	Kenneth H. Abbott	
Group Art Unit	2173	
Examiner Name	Unknown	

Sheet	4	of	4	Attorney Docket No.	294438022US3

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TH		Sato, J. et al., "Autonomous Behavior Control of Virtual Actors Based on the AIR Model," Proceedings Computer Animation, June 5, 1997.	
		Schneider, Jay and Jim Suruda, "Modeling Wearable Negotiation in an Opportunistic Task Oriented Domain," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999	
		Smailagic et al., "Matching interface design with user task: Modalities of Interaction with CMU Wearable Computers," IEEE Personal Communications, February 1996, pp. 14-25	
		Smailagic, Asim et al., "MoCCA: A Mobile Communication and Computing Architecture," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
		Starner et al., "Visual Contextual Awareness in Wearable Computing," Media Lab, MIT, October 1998	
		Tan, Hong Z. and Alex Pentland, "Tactual Displays for Wearable Computing," *IEEE*, Massachusetts Institute of Technology Media Laboratory, pp. 84-88, 1997.	
		Yang, Jie et al., "Smart Sight: A Tourist Assistant System," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

RECEIVED

DEC 0 2 2002

Technology Center 2100

EXAMINER	DATE CONSIDERED
(signature)	12/22/04

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609.   Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN	
Application Number	09/879,339
Confirmation Number	6518
Filing Date	June 11, 2001
First Named Inventor	Kenneth H. Abbott
Group Art Unit	2173
Examiner Name	John W. Cabeca
Attorney Docket No.	294438022US3

Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application NUMBER	Kind Code (if known)	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TH		6,405,159	B2	Bushey et al.	6/11/02	
TH		6,421,700	B1	Holmes et al.	7/16/02	
TH		6,446,057	B1	Vaughan	9/3/02	
TH		6,446,109	B2	Gupta	9/3/02	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Office	NUMBER	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

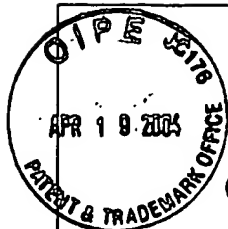| Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
TH		Schmidt, A. et al., "There is more to Context than Location: Environment Sensing Technologies for Adaptive Mobile User Interfaces," 11/1998	
TH		Dechamboux, P. et al., "Using a Distributed Shared Memory for Implementing Efficient Information Mediators," 1996	

EXAMINER	DATE CONSIDERED
Todese Houe	12/23/04

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

		INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)		**COMPLETE IF KNOWN**	
				Application Number	09/879,339
				Confirmation Number	6518
				Filing Date	June 11, 2001
				First Named Inventor	Kenneth H. Abbott
				Group Art Unit	2173
				Examiner Name	Tadesse Hailu
Sheet	1	of	1	Attorney Docket No.	294438022US3

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
TH		CUGOLA, G. et al., "Exploiting an event-based infrastructure to develop complex distributed systems," International Conference on Software Engineering, Milan, Italy, April 1998, 10 pages http://citeseer.nj.nec.com/context/15221/364458	
TH		PASCOE, J., "Adding Generic Contextual Capabilities to Wearable Computers," Kent, United Kingdom, October 1998, 8 pages http://citeseer.nj.nec.com/context/866466/426094	
TH		STAROVIC, G. et al., "An Event Based Object Model for Distributed Programming," Dublin, Ireland, 1995, 15 pages http://citeseer.nj.nec.com/context/98413/5351	

EXAMINER	DATE CONSIDERED
Tadesse Hailu	12/23/04

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).